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FILE NOTATIONS

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Entered in NID File	Checked by Chief U. 16.10 Approval Letter
ocation Map Pinned	Approval Letter 10-16-10
ard Indexed	Disapproval Letter
COMPLETION DATA:	
te Well Completed	Location Inspected
WW TA	Bond released
OS PA	State or Fee Land
LOGS FILED	
Priller's Log	
lectric Loge (No.)	
E F Dual I Lat	GR-N Micro
HC Sonic GR Lat Mi-	L Sonic
CBLog CCLog Others	• • • • • • • • • • • • • • • • • • • •

6-17-71

Top oral Granted in Accordance Dut Rule (36c) approval Terenculated on 1-15-11 application le AMBRICA D 6-17-11

UNITED STATES DEPARTMENT OF THE INTERIOR

BMIT IN TOTAL	For
Other instruction on reverse side)	Budg

	N FOR PERMIT	TO DBILL D	EED	EN OD DITIC	DACK	State Land 6. IF INDIAN, ALLOTTE	OB TRIBE NAME
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	ILL 🗷	DEEPEN []	PLUG BA	CK 🗆	7. UNIT AGREEMENT N	AMB
OIL G	AS OTHER			INGLE X MULTIP	FE	8. FARM OR LEASE NAI	ME.
2. NAME OF OPERATOR	OTHER			ONE A ZONE	<u> </u>	Bitter Creel	
Atlantic Richt	field Company	•		# ** #		9. WELL NO.	1
3. ADDRESS OF OPERATOR			•			2	*
501 Lincoln To	ower Bldg., 1860	D Lincoln S	t.,]	Denver, Colo. 8	30203	10. FIELD AND POOL, O	R WILDCAT
At surface	eport location clearly and					Overlook Are	
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14. DISTANCE IN MILES	AND DIRECTION FROM NEAD	REST TOWN OR POST	OFFIC	•		12. COUNTY OR PARISH	13. STATE
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15. DISTANCE FROM PROPO LOCATION TO NEAREST	r 505' I/18 6	line		OF ACRES IN LEASE		OF ACRES ASSIGNED HIS WELL	· · · · · · · · · · · · · · · · · · ·
PROPERTY OR LEASE L (Also to nearest drig	g. unit line, if any)			538,68 Ac.		the limit	
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OR APPLIED FOR, ON THE	140.	11 #1		7300 t	Rot		·
21. ELEVATIONS (Show who	culet DF, RT, GK, etc.)	01 201 07				22. APPROX. DATE WO	then appl
23.		8417' GL, 1			<u> </u>		ceceived
	P	ROPOSED CASIN	G ANI	CEMENTING PROGR.	A.M.		
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FO	от	SETTING DEPTH		QUANTITY OF CEMEN	T
13 - 3/4"	9-5/8"	32.3#		3001	300 s:	x (Cmt btm to t	top)
8-3/h"		20#		36001	125 s		
6-1/8"	L-1/2"	70 E#			- maria		
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Sec. 2 , T. 16 S., I		, County Grand	, Utah
		585	-2aio
	Sec.	2	
Surveyed October This is to certify that	r 9 the above plat wa	h = 1,000 feet s prepared from field and that the same are	notes of actual surveys true and correct to the

Ernest V. Echohawk Registered Land Surveyor Utah Registration No. 2611

October 16, 1970

Atlantic Richfield Company 501 Lincoln Tower Building Denver, Colorado 80203

Re: Well No. Bitter Creek St. #2 Sec. 2, T. 16 S, R. 25 E, Grand County, Utah

Grand County, Utah API No. 43-019-30061

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well on said unorthodox location, is hereby granted in accordance with Rule C-3(c).

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL-Chief Petroleum Engineer HOME: 277-2890 OFFICE: 328-5771

This approval terminates within 90 days if the well has not been spudded-in within said period.

Fnclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation with regard to this request will be greatly appreciated.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT DIRECTOR

CBF:sd

cc: Division of State Lands

January 15, 1971

Atlantic Richfield Company 501 Lincoln Tower Building Denver, Colorado

> Re: Well No's. Federal #1-12 Sec. 1, T. 16 S, R. 25 E, Bitter Creek State #2 Sec. 2, T. 16 S, R. 25 E, Grand County, Utah

Gentlemen:

Approval to drill the above mentioned wells, granted in owl letters of September 16, 1970 and October 16, 1970, is hereby terminated for failure to spud-in within the time prescribed.

If and when you should decide to drill these wells, it will be necessary for you to again obtain the approval of this Pivision.

Very truly yours,
DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT DIRECTOR

CBF:sd cc: U.S. Geological Survey Division of State Lands

PERMIT NO.

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

SUBMIT IN TRECATE*

(Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

UNITED STATES DEPARTMENT OF THE INTERIOR

	DEPARTMENT	OF THE I	NTE	RIOR	١	5. LEASE DESIGNATION	AND SERIAL NO
	GEOLO	GICAL SURVI	EY			State Land	Mark to a
APPLICATION	Y FOR PERMIT T	O DRILL, I	DEEP	EN, OR PLUG B	ACK	6. IF INDIAN, ALLOTTEE	
1a. TYPE OF WORK DR	ILL 🗷	DEEPEN [PLUG BAC	CK 🗆	7. UNIT AGREEMENT N	AME
	AS OTHER	<u> </u>		NE Z MULTIP	rie 🗆	8. FARM OR LEASE NAM	(18) (17) (18) (19) (19) (19) (19) (19) (19) (19) (19
Atlantic Rich	field Company				-	9. WELL NO.	
3. ADDRESS OF OPERATOR 501 Lincoln To 4. LOCATION OF WELL (R	ower Bldg. 1860 eport location clearly and	Lincoln S	t]	Denver Colo 8	0203	10. FIELD AND POOL, O	1 * 179/77
NW NE - 585	f/North & 2410			and the second of the second o		Overlook Area 11. sec., t., E., M., OR I	BLK.
At proposed prod. zon	Same			NWNWNE		Section 2-168	-25E, SLM
14. DISTANCE IN MILES	AND DIRECTION FROM NEAR	EST TOWN OR POS	r offić		7	12. COUNTY OR PARISH	13. STATE
15. DISTANCE FROM PROPE LOCATION TO NEARES: PROPERTY OR LEASE I	$f_{\text{INE, FT.}}$ 585' f/ls e	line		38.68 Ac.		F ACRES ASSIGNED	<u> </u>
(Also to nearest drig 18. DISTANCE FROM PROP TO NEAREST WELL, D OR APPLIED FOR, ON TH	OSED LOCATION* RILLING, COMPLETED, 430	0' N f/ 1 #1		7300 1		Y OR CABLE TOOLS	
21. ELEVATIONS (Show who				7,00	1 NOCE	Py 22. APPROX: DATE WO	RK WILL START*
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23.	P	ROPOSED CASIN	IG ANI	CEMENTING PROGRA	M	1.1	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FO	от	SETTING DEPTH	1	QUANTITY OF CEMEN	T
13-3/11	9=5/8*	32.3#		300 r	300 Sx	(Cmt btm to t	(40)
8-3/4**	711	20#		36001		(Set if requi	red)
6-1/8°	4-1/2 "	10.5#		Total depth	250 sx		
ormation. Antic tm to top; 7 °CD t T.D., will lo	o drill well, usipated Dakota to casing (intermos; if productive zone(s) wil	op-6915'. 9 ediate) wil e, set 4-1	9-5/8 Ll be /2#0I	casing will be set only if recording with so	be set a equired afficien	at approx 300' f/cont'd air nt cement to p	and cmtd drilling; rotect all
ne to the mount nle C-3, Well S ands comprising coposed location SS-25E, among o	pacing Requirem Sec. 34,35,36- on complies with ther lands, whi	h terrain, ents, is he T15½S-25E, Cause No. ch are the	an ereby and 107-	exception to Star requested. At Sec. 1,2,3-T168	ate of lantic lantic less for	Utah Oil & Gas Richfield is t Grand County.	Cons. Commende of Utah. The
	rth of Bitter C						
er ett Ted Tocart	on plat attache		TT 12ª	D			
IN ABOVE SPACE DESCRIBE zone. If proposal is to preventer program, if an	PROPOSED PROGRAM: If p drill or deepen directional y.	roposal is to deep	V E en or p data o	lug back, give data on pr	esent produ d measured	ctive zone and proposed and true vertical depth	l new productive s. Give blowout
24. SIGNED IMM	heety	TIT	LE Dis	t. Prod'n & Dr	lg Supt	DATE June	15, 1971
(This space for Fede	ral or State office use)			- 7			

TITLE

APPROVAL DATE

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MIS

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. $\mathbb{I} \cup \mathbb{E}$

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. S

Consult local 0 State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices. Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approyal of the proposal before operations are started.

U.S. GOVERNMENT PRINTING DIFFICE : 1963--O-711-396 od No Inc

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application to drill this well was dated Oct. 14, 1970, and the application approved by year, drilling has been deferred, and the approval was subsequently terminated by Mr. Feight's letter of January Due to lateness of the October 16, 1970. Mr. C. B. Feight's letter of Initial

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ZIELO: no...

JUN IT POT

June 17, 1971

Atlantic Richfield Company 501 Lincoln Tower Building Denver, Colorado 80203

> Re: Bitter Creek State #2 Sec. 2, T. 16 S, R. 25 E, Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well on said unorthodox location is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL-Chief Petroleum Engineer HOME: 277-2890 OFFICE: 328-5771

This approval terminates within 90 days if the well has not been spudded-in within said period.

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

The API number of 43-019-30061, given this well in our letter of October 16, 1970, will remain the same.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT DIRECTOR

WBF:sd

cc: Division of State Lands

					พ. 7/ ระสม
Form 9-331 (May 1963)		D STATES	SUBMIT IN TREATC	ATE* Form approve Budget Bures	ed. u No. 42–R1424.
2		OF THE INTERIO	R verse side)	5. LEASE DESIGNATION	AND SERIAL NO.
<u> </u>	GEOLOG	SICAL SURVEY		State Land	
	UNDRY NOTICES A			6. IF INDIAN, ALLOTTEE	OR TRIBE NAME
(Do not use	this form for proposals to dri Use "APPLICATION FO	ill or to deepen or plug bac OR PERMIT—" for such prop	x to a different reservoir. osals.)		
OIL GAS WELL WE	S OTHER			7. UNIT AGREEMENT NA	ME
2. NAME OF OPERATO				8. FARM OR LEASE NAM	7
	Richfield Company	<u> </u>	<u> </u>	Bitter Creek	<u> </u>
3. ADDRESS OF OPER		960 Tanana &	Dames Cala 80	9. WELL NO.	
4. LOCATION OF WEL	oln Tower Bldg., 1 LL (Report location clearly and 7 below.)	in accordance with any St	nte requirements.*	10. FIELD AND POOL, OF	R WILDCAT
See also space 17 At surface	/ below.)			Overleek A	
MW NE -	585 f/North & 241	10' f/East lines	Sec. 2	11. SEC., T., R., M., OR E SURVEY OR AREA	LK. AND
	_, _, _, _, _, _, _, _, _, _, _, _, _, _			Sec. 2-16S	
14. PERMIT NO.	15. ELE	VATIONS (Show whether DF, R	c, GR, etc.)	12. COUNTY OR PARISH	13. STATE
Cleen B. F	eight 6-17-71	GL - 8417'. KB	- 84281	Grand County	^U tah
REPAIR WELL (Other) 17. DESCRIBE PROPOSI proposed work nent to this wo 7 = 6=71 7 = 7=71	Spudded 10:00 A.P	Clearly state all pertinent of led, give subsurface location M., drilling 13- 3-3/4* hele to 33	(Note: Report recompletion or	esults of multiple completion ecompletion Report and Log for dates, including estimated dat vertical depths for all markers	e of starting any s and zones perti-
	Class "G" cement,	, 3% CaCl, cement	circulated. P.	cellar, set @ 328°D 6:50 P.M.	W/ 500 BX
7 - 8 -71	WOC.				
7- 9-71	Tested 9-5/8* car	sing & bleweut p	reventers w/1200	p.s.i. fer 30 min	s., O.K.
7=15=71	Drilling ahead w	/air mist 8-3,	/h* hele @ 3325'		
					VI
					The second second
	•				

8. I hereby certify that the foregoing is true and correct				
SIGNED Willacthey.	TITLE Dist.	Pred. & Drlg.	Supt.	7-15-71
W. A. Walther Jr.				
(This space for Federal or State office use)				
APPROVED BY	TITLE		 _	DATE

Form	9-331
(May	19631

Form approved.

(May 1963)	CHILED SIAII		Other instructions on re		au No. 42-R1424
) DEPART	MENT OF THE	INTERIOR *	erse side)	5. LEASE DESIGNATION	AND SERIAL NO.
	GEOLOGICAL SU	RVEY		State Land -	ML 25151
SUNDRY NO (Do not use this form for prop Use "APPLIC	TICES AND REPOSALS to drill or to deep CATION FOR PERMIT			6. IF INDIAN, ALLOTTE	E OR TRIBE NAME
OIL GAS WELL OTHER			· · · · · · · · · · · · · · · · · · ·	7. UNIT AGREEMENT NA	AME
2. NAME OF OPERATOR			· · · · · · · · · · · · · · · · · · ·	8. FARM OR LEASE NAI	ME
Atlantic Richfield Com	pany			Bitter Creek	
3. ADDRESS OF OPERATOR				9. WELL NO.	
501 Lincoln Tower Bldg	., 1860 Lincoli	n St. Denve	r. Colo. 80203	2	
4. LOCATION OF WELL (Report location See also space 17 below.)	clearly and in accordan-	ce with any State re	quirements.*	10. FIELD AND POOL, O	R WILDCAT
At surface				Overlook Are	a
NW NE - 585' f/North &	2L10' f/East I	Lines Sec. 2	1.00	11. SEC., T., R., M., OR SURVEY OR AREA	BLK. AND
				Sec. 2-168-2	
14. PERMIT NO.	15. ELEVATIONS (Show	w whether DF, RT, GR,	etc.)	12. COUNTY OR PARISE	i 13. STATE
Mr. C.B.Feight 6/17/7	1 8417 ° GK:	84281 КВ		Grand	Utah
TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL	PULL OR ALTER CASING MULTIPLE COMPLETE ABANDON* CHANGE PLANS		WATER SHUT-OFF FRACTURE TREATMENT SHOOTING OR ACIDIZING	REPAIRING ALTERING C ABANDONME	ASING
(Other)	CHANGE FLANS		(Note: Report result	s of multiple completion oletion Report and Log fo	on Well
17. DESCRIBE PROPOSED OR COMPLETED O proposed work. If well is direct nent to this work.)* Drilled 8-3/lin hole 3850 * KB, cemented with Plug down 8:30 a.m. BOP @ 1000# f/ 30 min 7/21/71 Drilling ahr	to 38501. Set ith 150 sx Clas 7/19/71. WOC. n., held O.K	9h jts 7*0D ss *G** cemen Hung casin Drilled ou	20# K⊶55 ST&C o t, 2% CaCl, good g, nippled up BC	casing, 3836.30 l returns while DP. Tested cas	s and zones pert at cementing
() Districting Chil	DOW HI GAT GO !	1015 B			

7/21/71 Drilling Clerk TITLE DATE . (This space for Federal or State office use) DATE TITLE

FORM OGC-8-X

FILE IN QUADRUPLICATE

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL & GAS CONSERVATION 1588 West North Temple Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name	& Number BITTER CREE	K NO 2		
	tlantic Richfield Com	501 Line	coln Tower Bldg.	Phone <u>266-24</u> 60
Contractor	Willard Pease Drill	ing Co. Address Grand	Junction, Colo.	Phone <u>242-691</u> 2
Location N	W ½ NE ½ Sec. 2		E Grand	County,Utah
Water Sand			W.	
	Depth	Volume	<u>(</u>	Quality
From	То	Flow Rate or Head	Fre	esh or Salty
1				
2			وسي والمراجع	
		(Continue	e on reverse si	ide if necessary)

Formation Tops: Negligible water was encountered.

Remarks:

NOTE:

- (a) Upon diminishing supply forms, please inform this office.
- (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See Back of form).
- (c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

augo, 1971 Bell darton (in Forumita) alonte Aicheld 505 325-Bitle Creek # 2 - State 585 FNL 2410 FE 2 ne 2 16 S 25 E \$ of 328' (Cervel Cic.)
328 t 590 and dill 5-90 - 38 50 med 7" @ 3850/150 pb up 2 900 to 3000 ar = C4 "lob to 7825 mod = " to 82 8 9 T.D 1 DST 8060 to 8105 Controls = recovered 935 or 135 obstro (waiting on logs) muly with Cottleget - 3650 (1"g/ ty) Dahoto ul - 7230 Dahoto - 73/2 Cla Mita - 7 20 a Mervin - 75 50 July Work 55 - 7740 Entiral - 8046 (In herek) - 8/98 8289 - T.O.

Calépirés = 20 ss/100 1) 100' Cement pluy acon top of Entrale (2) 100' Cenet play 11 11 g Marison B) Conel play 11 to g Dhate

7400 to 7500

and catel some Cloth

EAR 7420 - 7270 (9) 100' at bose of 7"
75% misse Ciny 5) evelden/marker swedy/ Might world re-oute. MB

Form 9-331 (May 1963)

TED STATES SUBMIT IN TRICCATE* DEPARTMENT OF THE INTERIOR (Other instructions on re-

Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

	GEOLOGICAL SURV	EY	State Land	- MT 52721
	OTICES AND REPORT OF THE PROPERTY OF THE PROPE	RTS ON WELLS r plug back to a different reservoir. such proposals.)	6. IF INDIAN, ALLOTTE	E OR TRIBE NAME
l.	MOATION FOR PERMIT— 101	such proposais.)	7. UNIT AGREEMENT NA	3.072
OIL GAS			I. UNIT AGREEMENT NA	.DIE
WELL WELL OTHER NAME OF OPERATOR	<u> </u>		8. FARM OR LEASE NAM	S.F.
Atlantic Richfield Con	mp any		Bitter Creek 9. WELL NO.	
	50/5 5 5 5 5			
JOSATION OF WELL (Percent loggette	3., 1860 Lincoln S	te. Denver. Colo. 80203	10. FIELD AND POOL, O	
See also space 17 below.) At surface	in clearly and in accordance w.	th any State requirements.		
	e olact e/a		Overlook Area	
NW NE - 585' f/North	« sam. Ilpast ii	nes Sec. 2	11. SEC., T., R., M., OR I SURVEY OR AREA	JUN. AND
			Sec. 2-168-251	E. SIM
4. PERMIT NO.	15. ELEVATIONS (Show wh	othor DR DR GR oto)	12. COUNTY OR PARISH	
			Grand	Utah
Mr. C.B.Feight, 6/17/7	71 8417' GL, 84	28' KB	- AT GILLA	Gean
6. Check	Appropriate Box To India	cate Nature of Notice, Report, o	or Other Data	
NOTICE OF IN			SEQUENT REPORT OF:	
		¬		
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING V	WELL
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING C.	ASING
SHOOT OR ACIDIZE	ABANDON*	SHOOTING OR ACIDIZING	ABANDONME	NT*
REPAIR WELL	CHANGE PLANS	(Other)		
REFRIG WELL			sults of multiple completion	on well
(Other) 7. DESCRIBE PROPOSED OR COMPLETED proposed work. If well is directly on the second s	n DST #1, 8060-810! no blow, SI 45", f. 1962#, 45" 2nd FP 3811#, BHT 184°; Sa Ran logs. Log tops	Completion or Recovertinent details, and give pertinent decelled in the completion of Recovery Completion of Recovery Completion of Recovery Completion or Recov	ompletion Report and Log for ates, including estimated data retical depths for all marker aushion. Open 5" u 1,5". Rec'd 800' #, 30" FFP 416#, I, no gas, no water	e of starting and s and zones pert //weak blo WC, 135'M 45'* FSIP
7. DESCRIBE PROPOSED OR COMPLETED Proposed work. If well is directly nent to this work.)* Drilled to 8105'. Rer SI 45", open 45" w/ r 5" IF 403#, 45" ISIP 1736#, IH 3914#, FH 3 Drilled to TD 8289'. Morrison 7480', Entra DST #2, 8110-8291 (WI SI 60", final open 60 IH 4021#, 5" IF 416#, 90" FSIP 1839#, FH 38 Propose to plug and a 8100'). 100' cement pl	n DST #1, 8060-8109 no blow, SI 45", f. 1962#, 45" 2nd FP 8811#, BHT 184°; Sa Ran logs. Log tops ada 8046°. WITD 82 ETD), Entrada, Open 45" ISI 1852#, 49 881#. BHT 186°. San bandon setting 100 ug across top of 1	Completion or Recoverinent details, and give pertinent decelections and measured and true versions and measured and true versions. St., Entrada, 800' wtr coinal open 30", final SI 403#, 45" 2nd SIP 1786 ampler: 40#, 1850 cc Miles: Dakota Fm 7312', Ced 291'. 1 5" w/ gd blow, SI 45" al SI 60" 20". Rec'd 307 5" 2nd FP 1332#, 60" 2nd pler: 80#- 22 CFG, no of cement plug across to forrison approx 7500-76	ompletion Report and Log for ates, including estimated date ortical depths for all marker mushion. Open 5" with the second 800" #, 30" FFP 416#, 1, no gas, no water Mountain 7404" and flow 15" w/ DM, 615" G&MCW, d SI 1801#, 60" For oil, 2050 cc wtroop of Entrada(app.	e of starting and sand zones pert N/weak blo WC, 135'M 45" FSIP or, gd blow, 2720' GG FF 1682#,
7. DESCRIBE PROPOSED OR COMPLETED PROPOSED Work. If well is directly nent to this work.)* Drilled to 8105'. Rar SI 45", open 45" w/r 5" IF 403#, 45" ISIP 1736#, IH 3914#, FH 30 Drilled to TD 8289'. Morrison 7480', Entra DST #2, 8110-8291 (WI SI 60", final open 60 IH 4021#, 5" IF 416#, 90" FSIP 1839#, FH 38 Propose to plug and a 8100'), 100' cement pl top of Dakota approx(weld steel plate on o	a DST #1, 8060-8109 The blow, SI 45", for 1962#, 45" 2nd FP 2811#, BHT 184°; Sand Ran logs. Log tops and 8046°. WITD 82 ADD, Entrada, Open 45" ISI 1852#, 49 881#. BHT 186°. Sand a cross top of 1 7270-7420°), 100° cossing, install per second and setting 100° cossing, install per second and s	Completion or Recovering the Completion of Re	ompletion Report and Log for ates, including estimated date ortical depths for all marker than the second s	e of starting and sand zones pert w/weak blow, 135'M 45" F8IP er, 2720' GGF 1682#, 2720' GGF 1682#, 2775-387
(Other) 7. DESCRIBE PROPOSED OR COMPLETED Proposed Work. If well is directly nent to this work.)* Drilled to 8105'. Rer SI 45", open 45" w/r 5" IF 403#, 45" ISIP 1736#, IH 3914#, FH 3 Drilled to TD 8289'. Morrison 7480', Entra DST #2, 8110-8291 (WI SI 60", final open 60 IH 4021#, 5" IF 416#, 90" FSIP 1839#, FH 38 Propose to plug and a 8100'), 100' cement pl top of Dakota approx(weld steel plate on open 60 IH 4021#, 5" IF 416#, 90" FSIP 1839#, FH 38	a DST #1, 8060-8109 The blow, SI 45", for 1962#, 45" 2nd FP 2811#, BHT 184°; Sand Ran logs. Log tops and 8046°. WITD 82 ADD, Entrada, Open 45" ISI 1852#, 49 881#. BHT 186°. Sand a cross top of 1 7270-7420°), 100° cossing, install per second and setting 100° cossing, install per second and s	Completion or Recoverinent decelerations and give pertinent decelerations and measured and true versional open 30°, final SI 103%, 15° 2nd SIP 1786 ampler: 10%, 1850 cc MN s: Dakota Fm 7312', Ced 291'. 15° W/ gd blow, SI 15° al SI 60° 2nd FP 1332%, 60° 2nd FP 133	ompletion Report and Log for ates, including estimated date ortical depths for all marker than the second s	gd blow, 2720 GO F 1682#, plug acro 3775-387
(Other) 7. DESCRIBE PROPOSED OR COMPLETED Proposed work. If well is directly near to this work.)* Drilled to 8105'. Read SI 45", open 45" w/ r 5" IF 403", 45" ISIP 1736", IH 3911#, FH 30 Drilled to TD 8289'. Morrison 7480', Entra DST #2, 8110-8291 (WI SI 60", final open 60 IH 4021#, 5" IF 416#, 90" FSIP 1839#, FH 38 Propose to plug and a 8100'), 100' cement pl top of Dakota approx(weld steel plate on of Plugging procedure co August 10, 1971.	Ran logs. Log tops da 8046'. WITD 82 blow, Find 8014", BHT 1840; Sa Ran logs. Log tops da 8046'. WITD 82 blow, Find 15" ISI 1852#, 45 881#. BHT 186°. San bandon setting 100 ag across top of 1 7270-7420'), 100' casing, install per onfirming verbal approximation of the setting 100 casing, install per onfirming verbal approximation of the setting 100 casing, install per onfirming verbal approximation of the setting 100 casing, install per onfirming verbal approximation of the setting 100 casing, install per onfirming verbal approximation of the setting 100 casing, install per onfirming verbal approximation of the setting 100 casing, install per onfirming verbal approximation of the setting 100 casing, install per onfirming verbal approximation of the setting 100 casing 100	Completion or Recoverinent decelerations and give pertinent decelerations and measured and true versional open 30°, final SI 103%, 15° 2nd SIP 1786 ampler: 10%, 1850 cc MN s: Dakota Fm 7312', Ced 291'. 15° W/ gd blow, SI 15° al SI 60° 2nd FP 1332%, 60° 2nd FP 133	ompletion Report and Log for ates, including estimated date of the retical depths for all markers that the second	gd blow, 2720 * GC F 1682#, orox 8000 * plug acro 3775-387
(Other) 7. DESCRIBE PROPOSED OR COMPLETED Proposed work. If well is directly nent to this work.)* Drilled to 8105'. Ran SI 45", open 45" w/ r 5" IF 403#, 45" ISIP 1736#, IH 391L#, FH 30 Drilled to TD 8289'. Morrison 7480', Entra DST #2, 8110-8291 (WI SI 60", final open 60 IH 4021#, 5" IF 416#, 90" FSIP 1839#, FH 38 Propose to plug and a 8100'), 100' cement pl top of Dakota approx(weld steel plate on confidence of August 10, 1971. 8. I hereby certify that the foregoin SIGNED SI	Ran logs. Log tops da 8046'. WITD 82 blow, Find 8014", BHT 1840; Sa Ran logs. Log tops da 8046'. WITD 82 blow, Find 15" ISI 1852#, 45 881#. BHT 186°. San bandon setting 100 ag across top of 1 7270-7420'), 100' casing, install per onfirming verbal approximation of the setting 100 casing, install per onfirming verbal approximation of the setting 100 casing, install per onfirming verbal approximation of the setting 100 casing, install per onfirming verbal approximation of the setting 100 casing, install per onfirming verbal approximation of the setting 100 casing, install per onfirming verbal approximation of the setting 100 casing, install per onfirming verbal approximation of the setting 100 casing, install per onfirming verbal approximation of the setting 100 casing 100	Completion or Rec pertinent details, and give pertinent dice locations and measured and true ve 5', Entrada, 800' wtr c inal open 30", final SI 103#, 15" 2nd SIP 1786 ampler: 10#, 1850 cc MN s: Dakota Fm 7312', Ced 291'. 15" w/ gd blow, SI 15" al SI 600 90". Rec'd 307 5" 2nd FP 1332#, 60" 2n mpler: 80#- 22 CFG, ne 10' cement plug across t Morrison(approx 7500-76 cement plug in base of cmanent marker, clean a 10 proval Mr. Paul Burche 11	ompletion Report and Log for ates, including estimated data retical depths for all marker than the control of t	gd blow, 2720 GG F 1682#, plug across 3775-387
(Other) 7. DESCRIBE PROPOSED OR COMPLETED Proposed work. If well is directly nent to this work.)* Drilled to 8105'. Ran SI 45" open 45" w/r 5" IF 403#, 45" ISIP 1736#, IH 3911#, FH 30 Drilled to TD 8289'. Morrison 7480', Entra DST #2, 8110-8291 (WI SI 60", final open 60 IH 4021#, 5" IF 416#, 90" FSIP 1839#, FH 38 Propose to plug and a 8100'), 100' cement pl top of Dakota approx(weld steel plate on complete the plate on the plate of the plate on the plate of the plate o	DST #1, 8060-8109 The blow, SI 45", for 1962#, 45" 2nd FP 2811#, BHT 184°; Sand Ran logs. Log tops and 8046'. WITD 82 215" ISI 1852#, 45 281#. BHT 186°. Sand across top of 17270-7420'), 100' casing, install per onfirming verbal approximately and setting log across top of 17270-7420'), 100' casing, install per onfirming verbal approximately and setting log across top of 17270-7420'), 100' casing, install per onfirming verbal approximately and setting log across top of 17270-7420').	Completion or Rec pertinent details, and give pertinent dice locations and measured and true ve 5', Entrada, 800' wtr c inal open 30", final SI 103#, 15" 2nd SIP 1786 ampler: 10#, 1850 cc MN s: Dakota Fm 7312', Ced 291'. 15" w/ gd blow, SI 15" al SI 600 90". Rec'd 307 5" 2nd FP 1332#, 60" 2n mpler: 80#- 22 CFG, ne 10' cement plug across t Morrison(approx 7500-76 cement plug in base of cmanent marker, clean a 10 proval Mr. Paul Burche 11	ompletion Report and Log for ates, including estimated data retical depths for all marker mushion. Open 5" washion. Open 5" w	e of starting and sand zones pert w/weak blo WC, 135'M 45" FSIP er, 2720' GG FF 1682#, 2720' GG plug across 3775-387's artain, s - USGS
(Other) 7. DESCRIBE PROPOSED OR COMPLETED Proposed work. If well is directly nent to this work.)* Drilled to 8105'. Ran SI 45", open 45" w/r 5" IF 403#, 45" ISIP 1736#, IH 391L#, FH 30 Drilled to TD 8289'. Morrison 7480', Entra DST #2, 8110-8291 (WI SI 60", final open 60 IH 4021#, 5" IF 416#, 90" FSIP 1839#, FH 38 Propose to plug and a 8100'), 100' cement pl top of Dakota approx(weld steel plate on confidence of August 10, 1971. 8. I hereby certify that the foregoin SIGNED SI	DST #1, 8060-8109 The blow, SI 45", for 1962#, 45" 2nd FP 2811#, BHT 184°; Sand Ran logs. Log tops and 8046'. WITD 82 215" ISI 1852#, 45 281#. BHT 186°. Sand across top of 17270-7420'), 100' casing, install per onfirming verbal approximately and setting log across top of 17270-7420'), 100' casing, install per onfirming verbal approximately and setting log across top of 17270-7420'), 100' casing, install per onfirming verbal approximately and setting log across top of 17270-7420').	Completion or Rec pertinent details, and give pertinent dice locations and measured and true ve 5', Entrada, 800' wtr c inal open 30", final SI 103#, 15" 2nd SIP 1786 ampler: 10#, 1850 cc MN s: Dakota Fm 7312', Ced 291'. 15" w/ gd blow, SI 15" al SI 600 90". Rec'd 307 5" 2nd FP 1332#, 60" 2n mpler: 80#- 22 CFG, ne 10' cement plug across t Morrison(approx 7500-76 cement plug in base of cmanent marker, clean a 10 proval Mr. Paul Burche 11	ompletion Report and Log for ates, including estimated data retical depths for all marker mushion. Open 5" washion. Open 5" w	e of starting and sand zones pert w/weak blow, 135'M 45" FSIP er, 2720' GGF 1682#, 2720' GGF 1682#, 2775-387!

Form 9-331 (May 1963)

DEPARTMENT OF THE INTERIOR

SUBMIT IN TRIP. ATE (Other instructions on reverse side)

	Form a	nnroved			Ć.
	Budget	pproved Bureau	No.	42-R	1424
T 77 4 C 7	********	A #114 A 37 A 3			***

DEPARTMENT OF 1	THE INTERIOR	verse side)	5. LEASE DESIGNATION	AND SERIAL NO.
GEOLOGICAL	SURVEY		State Land -	ML 25151
SUNDRY NOTICES AND (Do not use this form for proposals to drill or to Use "APPLICATION FOR PER			6. IF INDIAN, ALLOTTEE	OR TRIBE NAME
1. OIL GAS WELL OTHER Dry hole	,		7. UNIT AGREEMENT NA	ME
2. NAME OF OPERATOR			8. FARM OR LEASE NAM	1.86
Atlantic Richfield Company 3. ADDRESS OF OPERATOR			Bitter Creek 9. WELL NO.	
501 Lincoln Tower Bldg., 1860 Lin	coln St., Denv	er, Colo. 80203	2	
4. LOCATION OF WELL (Report location clearly and in acc See also space 17 below.) At surface	cordance with any State	requirements.*	10. FIELD AND POOL, OF	
NN NE - 585' f/North & 2410' f/E	ast lines Sec.	2	11. SEC., T., E., M., OR B SURVEY OR AREA	
			Sec. 2-165-25E	<u> </u>
	(Show whether DF, RT, GR	, etc.)	12. COUNTY OR PARISH	Utah
	GL, 8428 KB		Grand	UGALI
16. Check Appropriate Box	c To Indicate Nature	of Notice, Report, or	Other Data	
NOTICE OF INTENTION TO:		SUBSEC	QUENT REPORT OF:	· ·
TEST WATER SHUT-OFF PULL OR ALTER C	ASING	WATER SHUT-OFF	REPAIRING V	VELL
FRACTURE TREAT MULTIPLE COMPI.	ETE	FRACTURE TREATMENT	ALTERING CA	- T
SHOOT OR ACIDIZE ABANDON*		SHOOTING OR ACIDIZING	ABANDONMEN	T*
REPAIR WELL CHANGE PLANS (Other)		(Other) (Note: Report result	s of multiple completion operation Report and Log for	on Well
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly proposed work. If well is directionally drilled, given nent to this work.) *	v state all pertinent deta ve subsurface locations a			
TD 8289' - Driller 8291' - Wire Line				
Spotted 19 sack cement plugs 81 and 50 sack plug 3660-3880'. Whole marker. Cleaned and level	elded steel pl	ate on casing, w	ith regulation o	
PLUGGED AND ABUNDONED AND LOCAT	ION CLEAN, LEV	ELED, AND SEEDED	8/23/71	
and the second s	· · · · · · · · · · · · · · · · · · ·			
Maria and the second se		,		
			· · · · · · · · · · · · · · · · · · ·	
18. I hereby cartify that the foregoing is true and corre		· · · · · · · · · · · · · · · · · · ·		
SIGNED M. E. Brown	TITLE Dril	ling Clerk	8/30/	/71
(This space for Federal or State office use)				

APPROVED BY ______ CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES SUBMIT DEPARTMENT OF THE INTERIOR

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

State Land - ML 25151
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

its in a f		GEOLOGICA	L SURVEY			
WELL	COMPLETION	OR RECON	APLETION R	EPORT	AND LC)G *

ia. TYPE OF WEL	L: OIL WELL	GAS WELL	DRY X	Other		7. UNIT AGREEM	ENT NAME
b. TYPE OF COM							
MELL X	OVER DEEP-	PLUG BACK	DIFF.	Other		S. FARM OR LEAS	SE NAME
2. NAME OF OPERAT	or					Bitter C	reek
	Richfield Co	mpany			•	9. WELL NO.	
3. ADDRESS OF OPE	RATOR					2	
501 Linco	In Tower Blde	g.,1860 L	incoln St.	Denver.	Colo.,8020	3 10. FIELD AND P	OOL, OR WILDCAT
				-7.		Overtook	
MM	NE - 585' f	/North &	2410' ±/Ea	ast lines	Sec. 2	OR AREA	I., OR BLOCK AND SURVEY
At top prod. int	erval reported below		•				
At total depth						Sec. 2-16	6S-25E, SLM
			14. PERMIT N	0.	DATE ISSUED	12. COUNTY OR	13. STATE
	ar in a si a	1	Mr. Fei	ch+	6/17/71	PARISH	
5. DATE SPUDDED	16. DATE T.D. REAC	HED 17. DATE	COMPL. (Ready			Grand , REB, RT, GR, ETC.)* 19	Utah D. ELEV. CASINGHEAD
7/6/71	8/9/71		8/12/71	1	8417'GL, 8		8417'
0. TOTAL DEPTH, MD		ACK T.D., MD &	TVD 22. IF M	ULTIPLE COMPI	, 23. INTE	RVALS ROTARY TOOLS	CABLE TOOLS
8289 '			How	MANY*	DRILI	D - 8289 '	
	RVAL(S), OF THIS CO	MPLETION—TOP,	BOTTOM, NAME	(MD AND TVD)	•	- 10 - 0209	25. WAS DIRECTIONAL
			n Kulig dan l				SURVEY MADE
None							No
	AND OTHER LOGS RUN					27.	WAS WELL CORED
I-ES, GR-	Compensated :	Formation	. Density	w/calipe	ar .		No
8.			NG RECORD (R				
CASING SIZE	WEIGHT, LB./FT.	DEPTH SE	r (MD)	IOLE SIZE	CEMI	ENTING RECORD	AMOUNT PULLED
9-5/8"	32.3#	328*	кв]	L3-3/4"	300 sx Cl	ass "G", 3% CaC	1 None
7"	20#	3850	7	8-3/4"		ass "G", 2% Cac	
9.		NER RECORD	None		30.	TUBING RECORD	None
SIZE	TOP (MD) BO	OTTOM (MD)	SACKS CEMENT*	SCREEN (1	MD) SIZE	DEPTH SET (MD)	PACKER SET (MD)
				_			
1 PROPODATION PRO	CORD (Interval, size of	and mumber)					
I. IMBURATION NEC	CORD (1 mon cus, case	ing number,		82.		FRACTURE, CEMENT SQ	
				DEPTH IN	TERVAL (MD)	AMOUNT AND KIND OF	MATERIAL USED
None	the second of				None		
•							
3.*			PR	ODUCTION			
ATE FIRST PRODUCT	ION PRODUCT	ION METHOD (F			and type of pum	p) WELL STAT	rus (Producing or
						shut in)	
ATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR	OIL-BBL.	GAS-MC	WATER—BBL.	GAS-OIL RATIO
			TEST PERIOD				
LOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS-	-MCF.	WATER-BBL. OIL	GRAVITY-API (CORR.)
4. DISPOSITION OF G	AS (Sold, used for fu	el, vented, etc.)	Arrive Land	1. 1.		TEST WITNESSED	ВУ
5. LIST OF ATTACH	MENTS		***				
_2_ao£_	#26 Utah Fm	OGC-8-X					
and the second second			formation is con	aplete and cor	rect as determine	from all available recor	ds
STEMBER W	2.E. Bri	222		D277	Cl1		0/23/23
SIGNED ZZ	- CAR	un v	_ TITLE _	prilli	ng Clerk	DATE	8/31/71

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments

should be listed on this form, see item 35.

Hem 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals; top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

FORMATION	TOP	воттом	DESCRIPTION, CONTENTS, ETC.		TOP	
				NAME	MEAS. DEPTH	TRUE VERT. DEPTE
T #1 - 8060-81	.05', Entra	la, 800' wti	cushion. Open 5" w/weak blow. SI 45",			
			final open 30", final SI 45". Rec'd 800'	Dakota	7312'	
WC, 135	' MW. 5" I	403#, 45"	ISIP 1962#, 45" 2nd FP 403#, 45" 2nd SIP	Cedar Mountain	7404'	
1786#,	30" FFP 410	#, 45" FSII	1736#, IH 3914#, FH 3811#, BHT 184°;	Morrison	7480'	
Sampler	: 40#, 1850	cc MW, no	gas, no water.	Entrada	8046	
T #2 - 8110-82	91 (WLTD),	Entrada, or	en 5" w/ gd blow, SI 45", 2nd flow 45" w/			
		1	0" w/ gd blow, Final SI 90". Rec'd 307 DM			
and the second of the second o	- ·	1	1#, 5" IF 416#, 45" ISI 1852#, 45" 2nd FP			
•			FF 1682#, 90" FSIP 1839#, FH 3881#. BHT			
			no oil, 2050 cc wtr.			
		1	' and 7600-7500', 65 sack plug 6270-7420',			
	1 Mar 1 Mar 2 Mar		teel plate on casing, with regulation dry			
le marker. Cl	eaned and :	leveled loca	tion, and seeded with wheat grass.			
UGGED AND ABAN	DONED AND I	OCATION CLE	AN, LEVELED, AND SEEDED 8/23/71			
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SX						
CO.						
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